

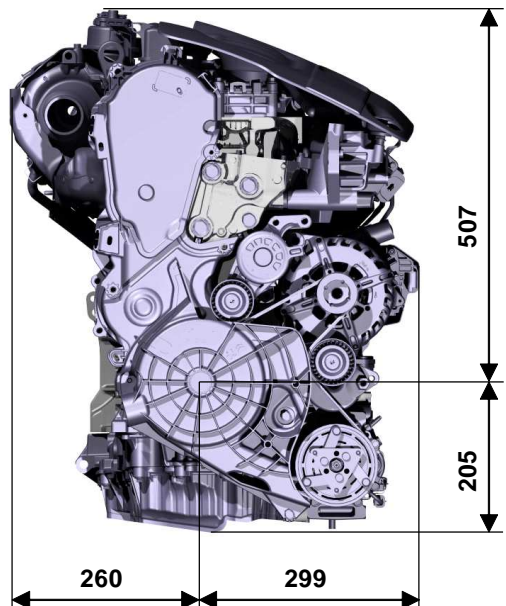
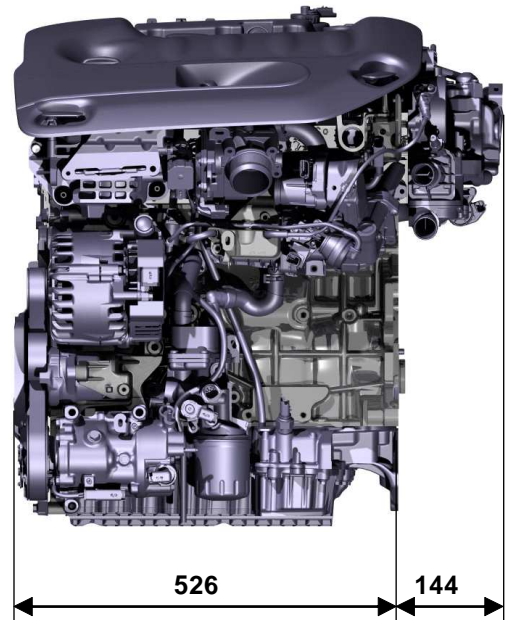
DW10 FC

EURO 6 step 1 Diesel Engine
Automotive application version

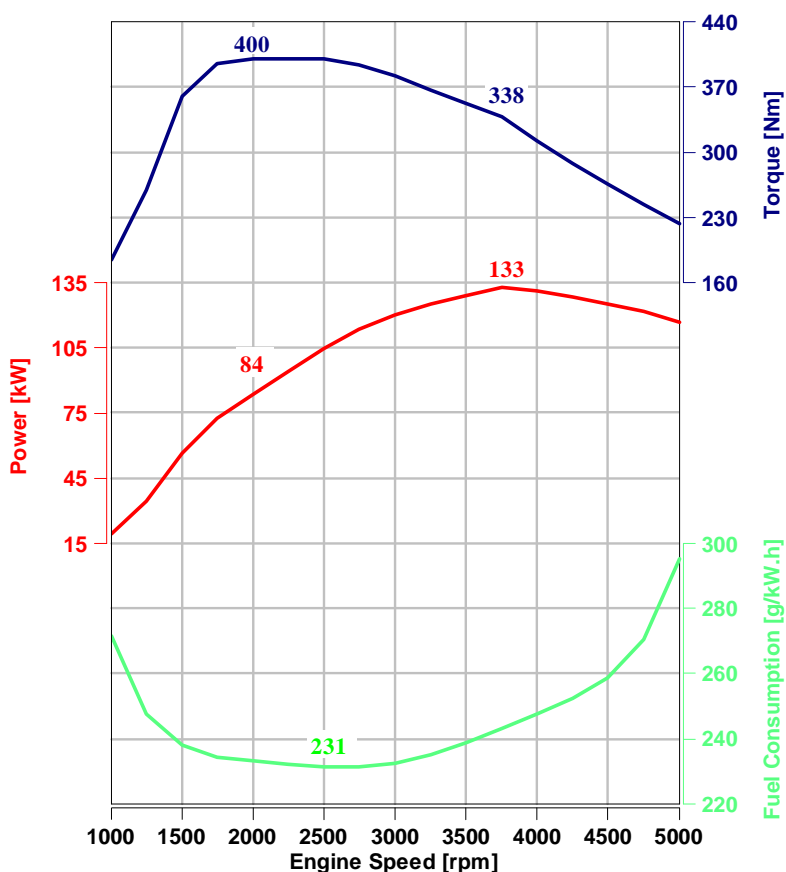
PSA
POWERTRAIN



1997 cm³
4 cylinders in-line
133 kW (180 hp) @ 3750 rpm
400 Nm @ 2000 rpm
4 valves per cylinder
Turbocharged
2 camshafts
Weight*: 162 kg
*Weight with oil and clutch without accessories



Performances curves



Last update 10/04/17

All specifications may be subject to modification without notice

DW10 FC

EURO 6 step 1 Diesel Engine
Automotive application version



General Technical Characteristics

Name	DW10 FC
Fuel	Diesel
Base engine weight	162 kg
Displacement	1997 cm ³
Bore	85 mm
Stroke	88 mm
Engine architecture	4 cylinders in-line
Number of camshafts	2
Balance shaft	Yes
Compression ratio	16.7/1
Piston rod centreline distance	145 mm
Maximum rotation	5000 rpm
Idle rotation	750 rpm
Injection system	Delphi DCM6.2
High pressure pump	Delphi DFP 6.1E
Injector	Delphi
Turbocharger	VGT (BWTS)
EGR valve	Yes
EGR cooler	Yes
Intercooler	Yes
Catalyst	Yes
DPF	Yes
SCR	Yes with 1 downstream NOx sensor
Coolant liquids	Brugarolas Bradol 497 (dilution 50%) Arteco Freecor DSC (dilution 50%)
Water temperature criteria	112°C for continuous (95%) 115°C for peak (4%) 118°C for exceptional (1%)
Oil temperature criteria	125°C for continuous 145°C for peak (5%)
Oil capacity	5.1 L
Standard Installation	E/W and 7° backward (Exhaust side)

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